Claims:

What is claimed is:

1. An article comprising:

a formable metal substrate; and

at least one ionomer layer at least partially disposed on the formable metal substrate.

2. The article of claim 1, wherein the at least one ionomer layer is pigmented.

3. The article of claim 1, further comprising one or more tie-layers disposed between the at least one ionomer layer and the formable metal substrate.

4. The article of claim 1, further comprising one or more barrier layers at least partially disposed on a second surface of the formable metal substrate.

5. The article of claim 1 , wherein the formable metal substrate comprises one or more materials selected from the group consisting of steel, galvanized steel, stainless steel, aluminum, titanium, and alloys thereof.

6. The article of claim 1, wherein the formable metal substrate is un-polished.

7. The article of claim 1, wherein the at least one ionomer layer is opaque.

8. The article of claim 1, wherein the formable metal substrate is primed.

9. An article comprising:

a formable metal substrate;

one or more pigmented ionomer layers at least partially disposed on the formable metal substrate; and

one or more transparent ionomer layers at least partially disposed on the one or more pigmented ionomer layers.

10. The article of claim 9, wherein the one or more pigmented ionomer layers comprise a copolymer of one or more C_2 to C_4 α-olefins and one or more C_3 to C_6 α,β-ethylenically unsaturated carboxylic acids.

11. The article of claim 9, wherein the one or more transparent ionomer layers comprises a copolymer of one or more C_2 to C_4 α-olefins and one or more C_3 to C_6 α,β-ethylenically unsaturated carboxylic acids.

12. The article of claim 9, wherein the formable metal substrate is un-polished.

13. The article of claim 9, further comprising one or more tie-layers disposed between the one or more pigmented ionomer layers and the formable metal substrate.

14. The article of claim 9, further comprising one or more barrier layers at least partially disposed on a second surface of the formable metal substrate.

15. The article of claim 14, further comprising one or more tie-layers disposed between the second surface of the formable metal substrate and the one or more barrier layers.

16. The article of claim 9, wherein the one or more pigmented ionomer layers are opaque.

17. The article of claim 14, wherein the one or more barrier layers comprises polypropylene, polyethylene, thermoplastic materials, or any combination thereof.

18. The article of claim 13, wherein the one or more tie-layers comprises one ore more acid polymers, one or more epoxy polymers, one or more maleated polymers, or a combination thereof.

19. The article of claim 9, wherein the formable metal substrate comprises one or more materials selected from the group consisting of steel, galvanized steel, stainless steel, aluminum, titanium, and alloys thereof.

20. The article of claim 9, wherein the formable metal substrate is primed.

21. A method comprising:

disposing one or more pigmented ionomer layers at least partially on a first surface of a formable metal substrate;

disposing one or more transparent ionomer layers at least partially on the one or more pigmented ionomer layers; and

shaping the formable metal substrate having the ionomer layers disposed thereon.

22. The method of claim 21, wherein shaping the formable metal substrate having the ionomer layers disposed thereon comprises performing one or more techniques selected from the group consisting of stamping, hydro-forming, or a combination thereof.

23. The method of claim 21, wherein shaping the formable metal substrate having the ionomer layers disposed thereon comprises stamping at an elevated temperature sufficient to bend or draw the ionomer layers.

24. The method of claim 23, wherein the elevated temperature is between about 50 C and about 200 C.

25. The method of claim 21, wherein the formable metal substrate is unpolished.

26. The method of claim 21, further comprising disposing one or more tie-layers at least partially between the one or more pigmented ionomer layers and the first surface of the formable metal substrate.

27. The method of claim 21, further comprising disposing one or more barrier layers at least partially on a second surface of the formable metal substrate.

28. The method of claim 27, further comprising disposing one or more tie-layers at least partially between the second surface of the formable metal substrate and the one or more barrier layers.

29. The method of claim 21, wherein at least one of the one or more pigmented ionomer layers is opaque.

30. The method of claim 21, wherein the formable metal substrate comprises one or more materials selected from the group consisting of steel, galvanized steel, stainless steel, aluminum, titanium, and alloys thereof.

31. The method of claim 21, further comprising priming the first surface of the formable metal substrate prior to disposing the one or more pigmented ionomer layers.

32. The method of claim 26, further comprising priming the first surface of the formable metal substrate prior to disposing the one or more tie-layers.

33. The method of claim 28, further comprising priming the second surface of the formable metal substrate prior to disposing the one or more tie-layers at least partially between the second surface of the formable metal substrate and the one or more barrier layers.

34. The method of claim 27, further comprising priming the second surface of the formable metal substrate prior to disposing the one or more barrier layers.

35. A method comprising:

forming a laminate comprising two or more ionomer layers;

disposing the laminate at least partially on a formable metal substrate; and shaping the formable metal substrate having the laminate disposed thereon.

36. The method of claim 35, wherein forming the laminate comprises co-extruding the two or more ionomer layers.

37. The method of claim 35, wherein the laminate further comprises one or more tie-layers.

38. The method of claim 35, wherein the two or more ionomer layers comprise at least one pigmented ionomer layer and at least one transparent ionomer layer.

39. The method of claim 35, wherein the two or more ionomer layers comprise at least one pigmented ionomer layer that is opaque.

40. The method of claim 35, wherein shaping the formable metal substrate having the laminate disposed thereon comprises performing one or more techniques selected from the group consisting of stamping, hydro-forming, or a combination thereof.

41. The method of claim 35, wherein shaping the formable metal substrate having the laminate disposed thereon comprises stamping at an elevated temperature sufficient to bend or draw the laminate.

42. The method of claim 41, wherein the elevated temperature is between about 50 C and about 200 C.

43. The method of claim 35, wherein the formable metal substrate is un-polished.

44. The method of claim 35, further comprising disposing one or more tie-layers at least partially between the laminate and the first surface of the formable metal substrate.

45. The method of claim 35, further comprising disposing one or more barrier layers at least partially on a second surface of the formable metal substrate.

46. The method of claim 45, further comprising disposing one or more tie-layers at least partially between the second surface of the formable metal substrate and the one or more barrier layers.

47. The method of claim 35, wherein the formable metal substrate comprises one or more materials selected from the group consisting of steel, galvanized steel, stainless steel, aluminum, titanium, and alloys thereof.

48. The method of claim 35, further comprising priming the formable metal substrate prior to disposing the laminate.

49. The method of claim 44, further comprising priming the formable metal substrate prior to disposing the one or more tie-layers.

50. The method of claim 45, further comprising priming the formable metal substrate prior to disposing the one or more barrier layers.

51. The method of claim 46, further comprising priming the formable metal substrate prior to disposing the one or more tie-layers.